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*****
*           Example using Automatic Field catalog           *
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REPORT zdemo\_alv1.

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*****
*   Basic Example of ALV report   *
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TYPES : BEGIN OF ty\_kna1,  
kunnr TYPE kunnr ,  
name1 TYPE name1,  
ort01 TYPE ort01,  
END OF ty\_kna1.

PARAMETERS p\_kunnr TYPE kunnr.

SELECTION-SCREEN BEGIN OF BLOCK b1 WITH FRAME.

PARAMETERS : non\_alv RADIOBUTTON GROUP g1, alv RADIO  
BUTTON GROUP g1.

SELECTION-SCREEN END OF BLOCK b1.

DATA : wa\_kna1 TYPE ty\_kna1 , it\_kna1 TYPE TABLE OF ty\_kna1.

CONSTANTS c\_check TYPE c VALUE 'X'.

SELECT kunnr name1 ort01 INTO TABLE it\_kna1 FROM kna1.

IF non\_alv = c\_check.

  ULINE.

  LOOP AT it\_kna1 INTO wa\_kna1.

    WRITE :/ wa\_kna1-kunnr COLOR 2, wa\_kna1-name1 COLO  
R 5, wa\_kna1-ort01 COLOR 7.

ENDLOOP.

ELSEIF alv = c\_check.

CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'

EXPORTING

I\_STRUCTURE\_NAME = 'KNA1'

TABLES

t\_outtab = IT\_KNA1

ENDIF.